

SERIES REFERENCE TABLE

Zaber's T-Series, A-Series, and X-Series products share common features such as connectors, protocols, and power. Each series is also unique in many respects. The series is indicated by the first letter of the device's name. For example, the T-LSM025A model belongs to the T-Series family. The A-MCB2 controller is an exception, as it differs in many aspects from other A-Series devices.

	T-SERIES	A-SERIES	A-MCB2	X-SERIES
Data Cable Connector	mini-DIN 6-pin	mini-DIN 6-pin	D-Sub 9, USB-B	Locking 4-pin M8 (some also have USB-B)
Power Supply	12-16 VDC	24-48 VDC	24-48 VDC	24-48 VDC
Power Plug Type	2.1 mm center positive	Molex Mini-Fit Jr. 3 pin	3-pin Screw Terminal (5 mm pitch)	2-pin Screw Terminal (5 mm pitch)
Computer Connection	USB (with T-USBC) or Serial (with T-DSUB9)	USB (with T-USBC) or Serial (with T-DSUB9)	USB (with U-DC06) or Serial (with S-DC06)	USB (with X-USBC or U-DC06 if device has USB-B connector) or Serial (with X-SDC)
Daisy-Chain Data	Yes, directly to T-Series or A-Series. Requires T-XDC to daisy-chain to X-Series.	Yes, directly to A-Series or T-Series. Requires T-XDC to daisy-chain to X-Series.	Yes, directly to other A-MCB2 controllers. Requires T-DSUB9 to daisy-chain to T-Series or A-Series, and requires S-XDC to daisy-chain to X-Series.	Yes, directly to X-Series. Requires T-XDC to daisy-chain to T-Series or A-Series
Daisy-Chain Power	Yes, only with T-Series devices	No	No	Yes, only with X-Series devices (high current supplies can power up to 3 axes)
Default Protocol	Zaber Binary	Zaber Binary	Zaber ASCII	Zaber ASCII
Default Baud Rate	9600	9600	115200	115200
Available Protocols	Zaber Binary	Zaber Binary & Zaber ASCII	Zaber Binary & Zaber ASCII	Zaber Binary & Zaber ASCII
Available Baud Rates	9600	9600 19200 38400 57600 115200	9600 19200 38400 57600 115200	9600 19200 38400 57600 115200
Firmware Versions	5.xx	6.xx	6.xx	6.xx
Closed Loop Support	None	Motor-mounted encoders	Motor-mounted encoders	Motor-mounted and direct-reading/linear encoders